

Amendments to the Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

Claims 1-46 (Canceled)

- 1 47. (Currently Amended) A method of creating a data storage pool, comprising:
 - 2 providing information for a plurality of storage resources in response to a user query;
 - 3 assigning at least one storage property to selected ones of the plurality of storage resources
 - 4 in response to user instructions to define the data storage pool;
 - 5 receiving a logical expression to identify respective ones of the storage resources that are
 - 6 available for a requested store operation based upon the storage properties assigned to the selected
 - 7 ones of the storage resources;
 - 8 allocating selected ones of the identified storage resources for the requested store
 - 9 operation; [[and]]
 - 10 receiving, prior to the step of allocating selected ones of the identified storage resources, a
 - 11 new storage property for the logical expression if a desired storage property is not present in the
 - 12 assigned storage properties; and
 - 13 determining which ones of the identified storage resources have preferred characteristics,
 - 14 wherein the preferred characteristics include storage resources having multiple disk spindles.
- 15
- 16 48. (Previously presented) The method according to claim 47, wherein the logical expression
- 17 includes at least one logical operator and at least two storage properties.
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- 19 49. (Previously presented) The method according to claim 48, wherein the logical expression
- 20 includes an amount of storage needed for the requested store operation.
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- 22 50. (Canceled)
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- 1 51. (Previously presented) The method according to claim 47, further including assigning a
- 2 particular one of the at least one storage properties to a particular type of storage resource.
- 3
- 4 52. (Previously presented) The method according to claim 47, wherein the plurality of storage
- 5 resources includes logical volumes.
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- 7 53. (Previously presented) The method according to claim 47, further including receiving a user
- 8 instruction to identify a storage resource as hand-off storage.
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- 10 54. (Previously presented) The method according to claim 47, wherein the user query is
- 11 generated by a storage administrator.
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- 13 55. (Previously presented) The method according to claim 47, wherein the logical expression is
- 14 generated by a database administrator.
- 15
- 16

1 56. (Currently Amended) An article, comprising:
2 a storage medium having stored thereon instructions that when executed by a machine
3 result in the following:
4 providing information for a plurality of storage resources in response to a user query;
5 assigning at least one storage property to selected ones of the plurality of storage resources
6 in response to user instructions to define the data storage pool;
7 receiving a logical expression to identify respective ones of the storage resources that are
8 available for a requested store operation based upon the storage properties assigned to the selected
9 ones of the storage resources;
10 allocating selected ones of the identified storage resources for the requested store
11 operation; [[and]]
12 receiving, prior to the step of allocating selected ones of the identified storage resources, a
13 new storage property for the logical expression if a desired storage property is not present in the
14 assigned storage properties; and
15 determining which ones of the identified storage resources have preferred characteristics,
16 wherein the preferred characteristics include storage resources having multiple disk spindles.
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18 57. (Previously presented) The article according to claim 56, wherein the logical expression
19 includes at least one logical operator and at least two storage properties.
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21 58. (Previously presented) The article according to claim 57, wherein the logical expression
22 includes an amount of storage needed for the requested store operation.
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24 59. (Previously presented) The article according to claim 57, further instructions to include
25 assigning a particular one of the at least one storage properties to a particular type of storage
26 resource.
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1 60. (Currently Amended) A system, comprising:
2 a processor; and
3 a memory coupled to the processor, the memory including instructions that when executed
4 result in the following:
5 providing information for a plurality of storage resources in response to a user query;
6 assigning at least one storage property to selected ones of the plurality of storage resources
7 in response to user instructions to define the data storage pool;
8 receiving a logical expression to identify respective ones of the storage resources that are
9 available for a requested store operation based upon the storage properties assigned to the selected
10 ones of the storage resources;
11 allocating selected ones of the identified storage resources for the requested store
12 operation; [[and]]
13 receiving, prior to the step of allocating selected ones of the identified storage resources, a
14 new storage property for the logical expression if a desired storage property is not present in the
15 assigned storage properties; and
16 determining which ones of the identified storage resources have preferred characteristics,
17 wherein the preferred characteristics include storage resources having multiple disk spindles.
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19 61. (Previously presented) The system according to claim 60, wherein the logical expression
20 includes at least one logical operator and at least two storage properties.
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1 62. (Previously presented) The system according to claim 60, wherein the logical expression
2 includes an amount of storage needed for the requested store operation.

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4 63. (Previously Amended) The system according to claim 60, further including instructions to
5 assign a particular one of the at least one storage properties to a particular type of storage
6 resource.

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8 64. (Canceled)

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10 65. (Canceled)

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12 66. (Previously Presented) The method according to claim 47, wherein the logical expression
13 includes a storage property not assigned to any of the storage resources, and further including:

14 receiving an identification of a first one of the plurality of storage resources having the
15 unassigned storage property; and

16 allocating the first one of the storage resources based upon the logical expression.